

OBO has installed the future

Magic PV solution: Innovative mounting systems

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The continuous availability of a photovoltaic system is of decisive importance in profiting from solar energy to the best-possible degree. Even here, OBO can offer sunny prospects with a complete system for lightning and surge protection. With the Magic PV solution, the portfolio has been expanded to include future-proof solutions for flexible installations.

Look on the sunny side with the Magic PV solution

The streamlined portfolio not only makes it easier to select the right products, but also to reduce warehousing to a minimum. The OBO mounting systems are compatible with all standard PV module dimensions, which can be installed simply and correctly. Thanks to their wide-ranging application options, the systems can adapt easily to different installation conditions.

Mounting systems for pitched roof systems: Toolless mounting

For further information:

Julia Belz

Public Relations

belz.julia@obo.de

www.obo-bettermann.com

Thanks to the tried-and-trusted Magic technology, the OBO system for pitched roofs enables mounting without screws or tools. The OBO roof hook solution can be mounted on all standard pitched roof types, with the appropriate cover by roof tiles. It can be adjusted infinitely and to the millimetre in all directions. The system's universal clamp ensures easy fixing of all standard PV modules. It functions simultaneously as an intermediate or end clamp, covering a clamping range of 30–50 mm.

Mounting systems for flat roof systems: Simple to combine

The advantage of flat roof systems: The PV modules can be mounted independently of a specific roof orientation. Similar to the OBO solution for pitched roofs, the Magic PV solution uses the Magic technology as well as the universal clamp. Particularly practical: The components of both systems can be combined. This reduces the number of individual components required considerably. The mounting system for flat roofs can also be combined with other products from the OBO portfolio, for example for cable routing with the roof cable holder for flat roofs, type 165 MBG, in combination with the adapter for mesh cable trays, type 165 MBG HRGM. The UniBase ballast system, which is already integrated into the solution for flat roof systems, provides variable weighing down of the overall system by using rectangular blocks – even at any time following the installation.

Mounting systems for free-standing systems: Flexibility on a grand scale

The highest level of flexibility for free-standing photovoltaic systems: The OBO mounting system is available both in a rammed and anchored version. Some of the system components are pre-mounted in the factory, which reduces installation work. At the same time, the profile, whose perforation is designed flexibly, allows clamped and screwed mounting types. Besides the intended OBO terminals, the use of standard fastening materials, such as standard bolts, is also possible. This is how easy solar can be!

Solar smart planning: OBO Construct planning tool for PV mounting systems

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It is easy to find the right mounting system: OBO Construct, the collection of powerful planning tools, makes it possible. With the new module for planning PV mounting systems, users can plan their Magic PV Solution according to individual requirements and ideas. OBO Construct offers a selection aid, automatically generates a corresponding parts list and is directly linked to the online shops of electrical wholesalers thanks to the ELBRIDGE interface. This not only guarantees simple and smart planning, but also a smooth customer experience.

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